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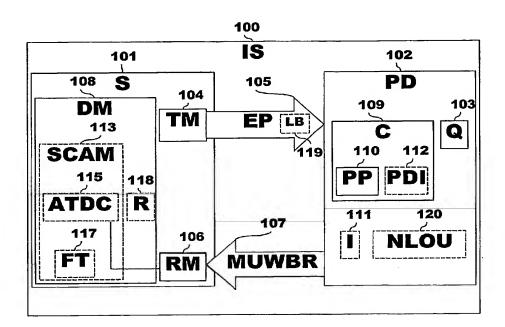
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(54) Title: SYSTEM, STATION, DEVICE AND METHOD FOR OBTAINING QUANTITIES



(57) Abstract: In an interrogation system (100) with a station (101) and a passive device (102), the station (101) interrogates the passive device (102) for a quantity (103) by transmitting an electromagnetic pulse (105). The passive device (102) has a cavity (109) that influences an ultrawideband reflection of the electromagnetic pulse (105) by the passive device (102). The quantity (103) of the passive device (102) influences a physical property (110) of the cavity (109). The station ((101) receives and analyses the reflection to obtain the quantity (103).

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